

# Nate Hardin

## Meteorologist Storm Surge Unit National Hurricane Center

Nate Hardin is a member of the Storm Surge Unit at NOAA's National Hurricane Center in Miami, Florida.

Hardin, a native of coastal North Carolina, received his Bachelor of Science in Meteorology, with a concentration in Marine Science, from North Carolina State University (2006). He also received his Masters of Science in Atmospheric Science from North Carolina State University (2008), where his research focused on the development of African Easterly Waves into tropical cyclones.

Hardin's career with NOAA started with student internships at National Weather Service (NWS) forecast offices in Newport/Morehead City, North Carolina and Raleigh, North Carolina (2005, 2006). Upon completing his Masters degree, Hardin was hired as a meteorologist with the NWS weather forecast office (WFO) in Anchorage, Alaska. He worked on the public desk as an intern before being promoted to a general forecaster in the summer of 2009. In 2010, Hardin went back to North Carolina State University where he earned a graduate certificate in geographic information systems (GIS). He also completed graduate work in pursuit of his



doctorate in Atmospheric Science. Hardin worked as a lecturer while pursuing his doctorate, and instructed undergraduate and graduate level meteorology-related courses.

He has participated in and coordinated various field projects and studies, including the Verification of the Origins of Rotation in Tornadoes Experiment 2 (VORTEX2), the Inhibition of Snowfall by Pollution Aerosols (ISPA), and orographic precipitation field studies in the Pacific Northwest and the Wasatch Mountains of Utah.

In the summer of 2013, Hardin accepted a position working with the Storm Surge Unit at the National Hurricane Center. In addition to operational duties, he works as the focal point for technical development of the storm surge watch/warning.

Hardin is a presenter and participant in numerous meteorological meetings, and is passionate about education and outreach which promotes storm surge preparedness. He is a member of the American Meteorological Society.



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